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(54) MICROSCOPE AND OPERATING METHOD THEREOF

in this way.

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(57) Abstract:

**PURPOSE:** To allow the exact and automatic positioning of a revolver by providing a rotating position detecting means which detects the rotation of the revolver and detects the positions of respective objective lenses.

**CONSTITUTION:** A revolver unit 70 which rotatably supports the revolver 100 is provided and the revolver unit 70 is provided attachably and detachably provided in the body. In addition, the revolver unit 70 is provided with a rotational driving source 120 which rotationally drives the revolver 100 via a rotation transmitting means 130 and the rotating position detecting means 150 which detects the respective positions of the objective lenses 115D mounted to the revolver 100. The automatic selection of the objective lenses 115D is executed by driving the rotational driving source 120, such as motor and stopping the rotation of this rotational driving source 120 by the signal from the rotating position detecting means 150. The exact setting of the positions of the objective lenses 115D at the time of manual movement is executed

